Rasha Hantash

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Skills
- **Professional Experience**: Golang, GraphQL, gRPC Terraform, Kubernetes, Helm, Docker, NextJS, TailwindCSS, Salt, GCP, Java, Python, Angular 7, Github Actions, Jira, Confluence, Linear
- **Proficient**: MySQL, C, Linux, Node.js, Airtable, React.js, Vercel, Python, Grafana
- **Familiar**: Material UI, Heroku, Ionic, C++, PostgreSQL, Rust, Solidity, HardHat, Graph, Ethereum, Polygon

Work

Co-founder & CTO | ClaimClam, Remote   January 2023 – June 2024
Stack: Golang, gRPC, GraphQL, Terraform, Auth0, AWS, Zapier, Airtable, NextJS, TailwindCSS
- Architected and developed a robust payment system with a double-entry ledger, enabling:
  - Disbursement of $1.2M+ in class-action claims to users and a seamless revenue distribution.
  - Comprehensive accounting of all financial transactions and payment reconciliation on the platform.
- Vetted multiple payment processors (Stripe, Moov, Checkbook, TreasuryPrime, ModernTreasury) and integrated the Checkbook based on API capabilities, transaction fees, account-creation fees at scale, and multi-payment support.
- Developed an MVP which processed 30,000 JUUL class-action claims (est. value $3.01M) within six weeks using Typeform, Airtable, and Zapier integration.
- Scaled infrastructure by migrating 45k user data from Airtable to Amazon Aurora to support rapid user growth and scale internal operations for class actions with 8-figure settlements.
- Implemented Auth0 for authorization and authentication using magic links.
- Built a feature to support business profiles, enabling the accommodation of business-exclusive settlements such as the $1.1 billion Visa Mastercard antitrust settlement.
- Translated business goals into technical requirements and built software functionality to identify eligibility for new cases from our existing user base and capture unrealized revenue
- Balanced the addition of technical debt with the need to ensure rapid delivery of new features that closely align with immediate user needs.
- Recruited key engineering talents and led a team of 3 engineers, established regular team cadence for CI/CD deployment onto staging and production, and organized issue tracking of projects on Linear.
- Raised $450k angel round at $6 million valuation within 6 weeks to scale our tech.
- Raised $1.5 pre-seed at $15 million valuation after 5 months of development to grow the team.

Platform Engineer | Quantum Metric, Remote   October 2021 – February 2023
Stack: Golang, gRPC, GraphQL, Kubernetes, Helm, Prometheus, OpenTelemetry, BigQuery
- Developed and deployed an email service cronjob that sent out a start and resolve email upon anomaly detection to any subscribed Quantum Metric customers. Created the manifest files to deploy to kubernetes.
- Delivered instrumentation across all backend grpc services. Provided insight on highly used services for all internal and external connections. Included a gRPC interceptor to log any general API connections.
- Developed and deployed a service that collected user feedback and forwarded the data to a Google Cloud bucket for further analysis from the data science team.
- Developed v1 of a greenfield REST API that efficiently retrieved session details of a user in BigQuery and cached queries in Redis with a 30 day TTL policy.
- Standardized how to set up any microservice locally for the Platform team.

Software Engineer | Oort, Remote   January 2021 – August 2021
Stack: Golang, gRPC, GraphQL, BigQuery, Postgraphile, Salt, Kafka
- Developed an Analytics pipeline which was critical to gathering user activities and sending the data to the frontend and set up server configuration using Salt in order to send logs from Kafka to the BigQuery-Inserter via Fluentd log forwarder
  - Developed a BigQuery-Inserter microservice written in Golang that consumed logs coming from Fluentd, transformed the logs, and then inserted them into the BigQuery
  - Implemented a GitHub CI workflow for BigQuery-Inserter that was triggered to push out a new docker

image to the Google Cloud Registry upon every push to main branch
- ○ Deployed BigQuery-Inserter service onto Kubernetes via Terraform

Vice President of Technology | **Best Execution Solutions, New York, NY**   July 2020 – January 2021
Stack: Django, PuPHPet, Python, Golang, AWS
- Reduced market data processing time by 80% to < 1 hr, giving us leverage to take on bigger clients with larger datasets by converting script from Python to Golang.
- Cut down processing of 28,000 records by 50% by replacing slow libraries with simple list comprehension
- Implemented a cProfile to perform effective performance optimization on time-consuming processes
- Deployed company website onto an EC2 instance using Vagrant and PuPHPet
- Developed a full stack feature that validates processing data to a customer using Django and Knockout.js. This feature provides insurance to the customer that their data has been processed and validated.

Software Developer Intern | **Capital One, Richmond, VA**   October 2018 – May 2020
Stack: AngularJS, Angular 7, Golang, gRPC, SwaggerUI
- Migrated a legacy API that processes customer refunds from REST to gRPC written in Golang to allow for API's within the same EC2 instance to communicate directly and significantly reduce communication latency.
  - ○ Dockerized the application and incorporated SwaggerUI for the development team to visualize and interact with the API's resources easily.
- Developed an FAQ's interface for Capital One Platform using AngularJS and expandable drawers.
- Validated end user experience autonomously using Selenium Web Driver and Cucumber framework to test against different card experiences and for the presence of UI elements on the Gift Card page.
- Created unit tests to test for correct values on the page. Reviewed and approved code for pull requests.

Software Developer Intern | **Enterbridge Technologies, Richmond, VA**   May 2018 – October 2018
Stack: Python
- Developed a parsing script that parsed over 2000 PDF files that have been converted to CSV files with over 20 different vendors from written in Python
- Architected an automated testing harness that cut down validation time from 12 hours to 5 minutes in Python
- Implemented a local version of the parsing script that integrated the same testing harness to allow for effective local testing and debugging

Prominent Projects
Hacker | ETHGlobal - NYC, *Spring 2023*
- Developed Web3 backend of BiggerBrother: web-app that kept track of political campaign promises
- Won several pool prizes
Hacker | ETHGlobal - SF, *Fall 2022*
- Developed Web3 backend of ETHHackDao: a community-driven sponsorship prize for hackers by hackers.
- Won pool prize from SKALE
Hacker | NEAR Hacks - NYC, *Summer 2022*
- Participant of the Axelar bounty
Hacker | ZeroPWNd - Richmond, VA, *Fall 2018*
- Uses open source API and public data to check if a URL is a phishing link (Cyber Security)
- Won first place for Willow Tree's challenge at RamHacks 2018

Leadership
President of the Linux User Group, Virginia Commonwealth University *2019-2020*

Education
Virginia Commonwealth University, Richmond, VA
Bachelor of Science in Computer Science, August 2017 – August 2020
- Computer Science Electives: Introduction to Cyber Security; Network Security.
- Extracurricular: Member of Cyber Security Club, Software Developer Club.

Certifications
- AWS Solutions Architect – Associate, November 2020 – November 2023